

**ABSCESS**

**Hepatic**

Moose, Common Grackle

**Muscular**

White-tailed Deer, Raccoon, Eastern Fox Squirrel, Eastern Gray Squirrel, Great Horned Owl, Barred Owl, Canada Goose, Wild Turkey, Eastern Bluebird

**AIRSACCULITIS**

Bald Eagle, Tundra Swan, Canada Goose, Double-crested Cormorant

**ANOMALY**

**Genetic**

White-tailed Deer

**ARTHRITIS**

Black Bear

**ASCITES**

Moose

**ASPERGILLOSIS**

Red-tailed Hawk, Tundra Swan, Canada Goose, Mallard Duck, Common Raven, Blue Jay, Mourning Dove

**ATELECTASIS**

White-tailed Deer

**BLOCKAGE**

**Proventricular**

Wild Turkey

**BOTULISM**

**Type C**

Mallard Duck, Northern Shoveler, Ruddy Duck, Blue-winged Teal, Green-winged Teal, Ring-billed Gull, Semi-palmated Plover, Semi-palmated Sandpiper, Buff-breasted Sandpiper

**CASEOGRANULOMAS**

**Multiple Hepatic**

Wild Turkey

**CECITIS**

**Necrotic**

Wild Turkey

**CELLULITIS**

**Necroheterophilic and Lymphohistiocytic**

Cottontail Rabbit

## COMPLICATIONS

### Birthing

Moose

## CONGESTION

### Multifocal to Coalescing Alveolar and Airway

Eastern Gray Squirrel

### Pulmonary

White-tailed Deer, Coyote, Red Fox, Woodchuck, Striped Skunk, Opossum, Cottontail Rabbit, Eastern Gray Squirrel, Osprey, Red-tailed Hawk, Mute Swan, Canada Goose, Mallard Duck, Wood Duck, Blue-winged Teal, Herring Gull, Common Grackle, Brown-headed Cowbird, Mourning Dove, Northern Oriole, Black-capped Chickadee, Common Redpoll, House Sparrow

## CONJUNCTIVITIS

House Finch

## CONSOLIDATION

### Pulmonary

White-tailed Deer

## CYST

### Dermoid

White-tailed Deer

### Fatty

White-tailed Deer

### Fluid-filled

White-tailed Deer

## CYSTICERCOSIS

### Taeniid eggs (*Echinococcus* or *Taenia* sp)

Gray Wolf

### *Taenia hydatigena*

White-tailed Deer

### *Taenia pisiformis*

Cottontail Rabbit, Snowshoe Hare

### Unspecified

Eastern Gray Squirrel

## DEFORMITY

### Congenital

#### Skeletal

Turkey Vulture, House Sparrow

## DEHYDRATION

Raccoon, Eastern Fox Squirrel, Woodchuck, Osprey, Red-tailed Hawk, Turkey Vulture, Great Blue Heron, Herring Gull, American Crow

**DERMATITIS**

**Erosive Ulcerative and Crusting  
Ectoparasitic and Fungal)**

Red Squirrel

**Hyperplastic Crusting**

Brown-headed Cowbird

**Mixed Mononuclear**

Eastern Gray Squirrel

**Necrotizing and Granulomatous**

Wild Turkey

**DISTEMPER**

**Canine**

Coyote, Red Fox, Gray Fox, Raccoon, Badger

**DROWNING**

Moose, Black Bear, Screech Owl, Mute Swan, Common Loon, House Sparrow

**EDEMA**

**Pulmonary**

White-tailed Deer, Coyote, Osprey

**Subcutaneous**

Eastern Fox Squirrel

**ELECTROCUTION**

Bald Eagle, Red-tailed Hawk, Great Horned Owl, Herring Gull

**EMPHYSEMA**

White-tailed Deer

**ENDOCARDITIS**

**Valvular Vegetative**

White-tailed Deer

**ENTERITIS**

**Hemorrhagic**

White-tailed Deer, Common Loon, Bufflehead Duck

**Unspecified**

Great Horned Owl, Wood Duck

**Verminous Hemorrhagic Ulcerative**

Mute Swan

**EXPOSURE**

Black Bear, Gray Wolf, Common Grackle, Brown-headed Cowbird

**FASCIOLOIDIASIS**

Moose, White-tailed Deer

**GASTRITIS**

Great Horned Owl

## Summary of Diseases Affecting Michigan Wildlife 2000

### **GOUT**

#### **Visceral**

Great Horned Owl, Wild Turkey

### **GRANULOMAS**

#### **Multifocal Eosinophilic**

White-tailed Deer

### **HAIR GROWTH**

#### **Anagen (New)**

Raccoon

### **HEMORRHAGE**

#### **Cardiac**

White-tailed Deer

#### **Pulmonary**

White-tailed Deer, Wild Turkey

### **HEMOTHORAX**

White-tailed Deer

### **HEPATITIS**

#### **Multifocal Caseogranulomatous**

Wild Turkey

#### **Necrotizing Intestinal**

Porcupine

### **HERNIA**

#### **Diaphragmatic**

Raccoon, Cottontail Rabbit

### **HISTOMONIASIS**

Wild Turkey

### **HYDROTHORAX**

White-tailed Deer

### **HYPERKERATOSIS**

Wild Turkey

### **HYPERTROPHY**

#### **Adrenal Gland**

Striped Skunk

#### **Cardiac**

White-tailed Deer

## Summary of Diseases Affecting Michigan Wildlife 2000

### INFECTION

#### Bacterial

White-tailed Deer, Raccoon, Bald Eagle, Tundra Swan, Mallard Duck

#### Coliform

Cottontail Rabbit

#### Fungal

Herring Gull

### INFESTATION

#### Louse

Snowy Owl, American Crow

#### Tick

*Dermacentor albipictus*

Moose, White-tailed Deer

*Haemaphysalis chordelis*

Ruffed Grouse

### INFLAMMATION

#### Mononuclear

Eastern Fox Squirrel

#### Pulmonary

White-tailed Deer

#### Traumatic

Wild Turkey

### MALNUTRITION

Moose, Elk, White-tailed Deer, Black Bear, Gray Wolf, Coyote, Bobcat, Red Fox, Raccoon, Porcupine, Cottontail Rabbit, Eastern Fox Squirrel, Eastern Gray Squirrel, Big Brown Bat, Little Brown Bat, Bald Eagle, Osprey, Red-tailed Hawk, Red-shouldered Hawk, Rough-legged Hawk, Broad-winged Hawk, Cooper's Hawk, Great Horned Owl, Snowy Owl, Barred Owl, Northern Saw-whet Owl, Great Blue Heron, Common Loon, Herring Gull, Wild Turkey, American Crow, Common Grackle, Mourning Dove, Whip-poor-will, Eastern Bluebird, House Finch, Common Redpoll

### MANGE

#### Notoedric

Eastern Gray Squirrel

#### Sarcoptic

Black Bear, Gray Wolf, Coyote, Red Fox, Porcupine

### MASCULINAZATION

#### Female

Wild Turkey

### MINERALIZATION

#### Intratubular Renal

Great Horned Owl

### MYCOPLASMOSIS

House Finch

**MYIASIS**

**Cuterebra sp. (Warbles)**

Eastern Gray Squirrel, Eastern Chipmunk

**Unspecified**

Mallard Duck

**MYOSITIS**

**Necroheterophilic and Lymphohistiocytic**

Cottontail Rabbit

**NECROSIS**

**Multifocal Hepatocellular**

Great Horned Owl

**Subcutaneous**

Eastern Fox Squirrel

**NEMATODIASIS**

**Cerebrospinal (*Paralaphostrongylus tenuis*)**

Moose, Elk, White-tailed Deer

**Hepatic (*Setaria yehi*)**

White-tailed Deer

**Muscular and Fascial (*Dirofilaria ursi*)**

Black Bear

**Pulmonary (*Dictyocaulus sp.*)**

White-tailed Deer

**PERIBRONCHIOLITIS**

**Eosinophilic**

Raccoon

**PERICARDITIS**

Moose, White-tailed Deer, Black Bear, Tundra Swan, Common Grackle

**PERITONITIS**

**Egg Yolk**

Mallard Duck

**Multifocal to Coalescing Necrotizing**

Raccoon

**Unspecified**

Bald Eagle, Red-tailed Hawk, Canada Goose

**PLEURITIS**

White-tailed Deer

**PNEUMONIA**

**Bacterial**

White-tailed Deer, Raccoon

**Chronic Interstitial**

White-tailed Deer

**PNEUMONIA** (continued)

**Chronic Multifocal Pyogranulomatous  
(Suppurative) and Necrotizing**  
White-tailed Deer

**Focal Aspiration**  
Raccoon

**Focal Suppurative**  
Raccoon

**Granulomatous Interstitial**  
White-tailed Deer

**Multifocal Caseonecrotic and Granulomatous Fungal**  
Tundra Swan

**Mycotic**  
American Crow, Blue Jay

**Necrotizing Interstitial**  
Porcupine

**Suppurative Bacterial Broncho**  
American Crow

**Unspecified**  
Moose, White-tailed Deer, Black Bear, Coyote, Red Fox, Raccoon, Woodchuck,  
Cottontail Rabbit, Eastern Gray (Black) Squirrel, Red-tailed Hawk, Canada Goose,  
Black-capped Chickadee

**POISONING**

**Diazinon**  
Canada Goose, Mallard Duck, Blue Jay

**Lead**  
**Acute**  
Mute Swan, Common Loon

**Chronic**  
Bald Eagle, Trumpeter Swan, Canada Goose, Canvasback Duck, Common Loon

**Subacute**  
Common Loon

**Organochlorine (DDE)**  
Great Egret

**Terbufos**  
Eastern Fox Squirrel, House Sparrow, European Starling

**POX**

**Avian**  
Wild Turkey, Common Raven, American Crow, Mourning Dove, Brown-headed  
Cowbird

Summary of Diseases Affecting Michigan Wildlife 2000

**POX (continued)**

**Squirrel**

Eastern Fox Squirrel, Eastern Gray (Black) Squirrel

**RUPTURE (of a blood vessel)**

**Spontaneous**

Mute Swan

**SALMONELLOSIS**

Northern Cardinal, Evening Grosbeak, Purple Finch, American Goldfinch, Common Redpoll

**SALPINGITIS**

**Suppurative**

Wild Turkey

**SARCOCYSTOSIS**

*Sarcocystis cuniculi*

Cottontail Rabbit

*Sarcocystis rileyi*

Mallard Duck

**SHOCK**

Moose, Black Bear, Osprey, Great Horned Owl

**SPLENITIS**

**Necrotizing Intestinal**

Porcupine

**Unspecified**

Cottontail Rabbit

**STARVATION**

Bald Eagle, Red-tailed Hawk, Barred Owl, Great Blue Heron, Wild Turkey

**STRESS**

Moose, Black Bear, Osprey, Wood Duck

**SUFFOCATION**

Canada Goose, Wild Turkey, Mourning Dove

**THYROID GLANDS**

**Cystic**

White-tailed Deer

**TOXOPLASMOSIS**

*Toxoplasma gondi*

Porcupine



## **TRAUMA**

Moose, Elk, White-tailed Deer, Black Bear, Gray Wolf, Wolf x Dog hybrid, Bobcat, Coyote, Red Fox, Gray Fox, River Otter, Fisher, Badger, Pine Marten, Raccoon, Long-tailed Weasel, Eastern Fox Squirrel, Eastern Gray Squirrel, Red Squirrel, Eastern Chipmunk, Big Brown Bat, Bald Eagle, Osprey, Northern Goshawk, Red-tailed Hawk, Red-shouldered Hawk, Rough-legged Hawk, Broad-winged Hawk, Cooper's Hawk, Sharp-shinned Hawk, Peregrine Falcon, American Kestrel, Merlin, Great Horned Owl, Snowy Owl, Barred Owl, Long-eared Owl, Screech Owl, Boreal Owl, Northern Saw-whet Owl, Virginia Rail, Trumpeter Swan, Mute Swan, Canada Goose, Common Loon, Mallard Duck, Wood Duck, Blue-winged Teal, American Coot, Double-crested Cormorant, Herring Gull, Wild Turkey, Ring-necked Pheasant, Ruffed Grouse, Mourning Dove, Belted Kingfisher, Pileated Woodpecker, Downey Woodpecker, Northern Flicker, Rose-breasted Grosbeak, Pine Grosbeak, Northern Cardinal, Northern Oriole, Common Grackle, Brown-headed Cowbird, Dark-eyed Junco, Common Redpoll, White-throated Sparrow, House Sparrow

## **TRICHOMONIASIS**

Mourning Dove

## **TUBERCULOSIS**

### **Bovine**

White-tailed Deer, Black Bear, Bobcat, Opossum

## **TUMOR**

### **Carcinoma**

#### **Disseminated Anaplastic Ovarian, Hepatic and Mesenteric**

White-tailed Deer

### **Chondrosarcoma**

Ruffed Grouse

### **Fibroma**

#### **Dermal**

White-tailed Deer

### **Infectious Cutaneous**

White-tailed Deer

### **Papilloma**

#### **Multifocal Viral Squamous**

Coyote

### **Seroma**

White-tailed Deer

### **Teratoma**

White-tailed Deer

## **ULCERATION AND NECROSIS**

### **Dermal**

Raccoon